

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, November 2018
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	363	137	0	2,668	57,716	7,690	4,498	789	30,268
Petroleum Products	16,711	349	0	17,297	34,717	7,485	4,896	109,827	17,215
Natural Gas Liquids	7,746	160	0	3,626	22,144	3,902	631	2,082	5,488
Ethane	5,652	0	—	0	11,057	637	—	0	866
Propane	1,075	117	0	2,471	6,984	1,832	150	2,012	970
Normal Butane	330	38	0	923	1,840	768	379	57	381
Isobutane	402	5	0	232	781	278	102	13	616
Natural Gasoline	287	0	—	0	1,482	387	—	0	2,655
Refinery Olefins	0	0	—	296	497	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	296	497	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	27	0	—	0	1,327	—	—	0	262
Motor Gasoline Blending Components	5,844	0	0	1,636	1,683	1,539	0	54,783	5,858
Reformulated - RBOB	0	0	0	0	258	—	0	8,053	2,377
Conventional	5,844	0	0	1,636	1,425	1,539	0	46,730	3,481
CBOB	5,844	0	0	1,636	1,194	1,539	0	46,730	3,245
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	0	—	231	—	0	—	236
Renewable Fuels	0	0	0	9,072	6,152	445	4,076	676	0
Fuel Ethanol	0	0	0	8,964	5,843	391	3,848	676	0
Renewable Diesel Fuel ²	0	0	0	108	309	55	228	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	80	0	0	406	403	141	0	7,713	706
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	80	0	0	406	403	141	0	7,713	706
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	80	0	0	406	403	141	0	7,713	706
Finished Aviation Gasoline	0	0	—	0	0	—	—	83	27
Kerosene-Type Jet Fuel	275	0	0	124	0	688	0	16,104	1,823
Kerosene	17	0	—	0	0	—	—	126	0
Distillate Fuel Oil	2,722	0	0	850	855	770	0	27,311	2,679
15 ppm sulfur and under	2,722	0	0	850	855	770	0	25,815	2,577
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	265	102
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	1,231	—
Residual Fuel Oil	0	166	—	0	712	—	—	0	0
Petrochemical Feedstocks	0	0	—	0	156	—	—	36	0
Naphtha for Petrochemical Feedstock Use	0	0	—	0	133	—	—	36	0
Other Oils for Petrochemical Feedstock Use	0	0	—	—	23	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	10
Lubricants	0	0	—	0	0	—	—	329	103
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	447	517	0	0	0	0
Asphalt and Road Oil	0	23	0	840	271	0	189	584	259
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	17,074	486	0	19,965	92,433	15,175	9,393	110,616	47,483

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, November 2018
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil	0	513	0	24,487	895	77	0	0	0
Petroleum Products	0	5,197	0	8,471	8,809	2,245	0	66	0
Natural Gas Liquids	0	154	0	7,437	8,499	190	0	0	0
Ethane	0	—	0	1,855	3,224	—	0	0	0
Propane	0	0	0	2,942	2,702	80	0	0	0
Normal Butane	0	128	0	1,251	973	80	0	0	0
Isobutane	0	26	0	542	561	30	0	0	0
Natural Gasoline	0	—	0	847	1,039	—	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components	0	3,836	0	134	0	1,154	0	0	0
Reformulated - RBOB	—	2,322	0	0	0	0	0	0	—
Conventional	0	1,514	0	134	0	1,154	0	0	0
CBOB	0	1,459	0	134	0	1,154	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	55	—	0	0	0	—	0	—
Renewable Fuels	0	600	0	0	0	55	0	0	0
Fuel Ethanol	0	298	0	0	0	55	0	0	0
Renewable Diesel Fuel ²	0	303	0	0	0	0	0	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	312	0	236	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	312	0	236	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	312	0	236	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel	0	131	0	24	0	0	0	0	0
Kerosene	—	—	0	0	0	—	0	0	—
Distillate Fuel Oil	0	377	0	301	0	246	0	0	0
15 ppm sulfur and under	0	377	0	301	0	246	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	0	—
Residual Fuel Oil	—	—	0	0	0	—	0	0	—
Petrochemical Feedstocks	—	—	0	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	0	0	0	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Special Naphthas	—	—	—	0	0	—	—	0	—
Lubricants	—	—	0	0	0	—	0	0	—
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	92	107	110	0	66	0
Asphalt and Road Oil	0	99	0	171	203	254	0	0	0
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	0	5,710	0	32,958	9,704	2,322	0	66	0

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.